

$$\frac{d}{dt}(\rho\phi) + \text{div}(\rho V\phi - I_{\phi} \text{grad} \phi) = S_{\phi}$$

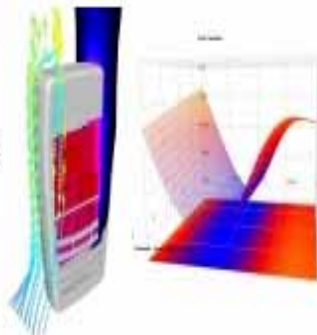
**Features**

**Events**

**Flomerics Releases Flotherm Version 7 with Unrivalled Design Optimization Capability**

**Sign up for Technical Software Demonstrations**

Flomerics has released Version 7 of its Flotherm electronics thermal analysis software featuring a new Response Surface Optimization capability that Flomerics believes is unrivalled in computational fluid dynamics (CFD) analysis software.



- FLOTHERM
- FLO/PCB

**THERMAL Courses & Seminars**

**June 2007**

- 26 Milan, Italy
- 27 Milan, Italy

**July**

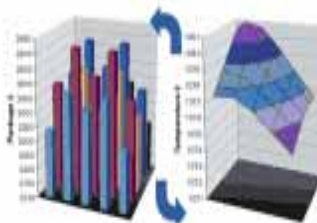
- 02-03 Orsay, France
- 09 Milan, Italy
- 10-12 Marlboro, USA
- 17-19 Milano, Italy
- 17-19 Santa Clara, CA - USA
- 19 Online, USA
- 20 Milano, Italy
- 30- 2 Aug San Diego, CA - USA

**August**

- 01-03 Milan, Italy
- 08-10 Marlboro, USA
- 14-16 Santa Clara, USA
- 16 Online, USA
- 21-23 Hampton Court

**New Standards, Techniques for Package Thermal Modeling**

Miniaturization, performance and functionality trends in the semiconductor industry are decreasing thermal design margins at the package and chip levels. New compact thermal modeling standards, which are expected from JEDEC this summer, combined with the emergence of more advanced modeling techniques, should help solve future chip and package design challenges.



**Liquid Cooling of Bright LEDs for Automotive Applications**

With the advances in the technology of materials based on GaN, high brightness white light emitting diodes (LEDs) have flourished over the past few years and have shown to be very promising in many new illumination applications such as outdoor illumination, task and decorative lighting as well as aircraft and automobile illuminations.

